

Title (en)
HYBRID VEHICLE CONTROL SYSTEM AND CONTROL METHOD

Title (de)
HYBRIDFAHRZEUGSTEUERUNGSSYSTEM UND -STEUERUNGSVERFAHREN

Title (fr)
SYSTÈME ET PROCÉDÉ DE COMMANDE DE VÉHICULE HYBRIDE

Publication
EP 3045365 A4 20170517 (EN)

Application
EP 14842391 A 20140903

Priority
• CN 201310409911 A 20130909
• CN 201310557279 A 20131111
• CN 2014085829 W 20140903

Abstract (en)
[origin: EP3045365A1] A control system of a hybrid electrical vehicle and a control method for a hybrid electrical vehicle are provided. The control system of the hybrid electric vehicle includes: a transmission device (10) connected with wheels (2a and 2b) of the hybrid electrical vehicle; an engine power subsystem (20) connected with the transmission device (10); a motor power subsystem (30) connected with the transmission device (10); and a control module (40) configured to control the hybrid electrical vehicle to operate in a hybrid electrical-economical mode by controlling the engine power subsystem (20) and the motor power subsystem (30), and to control the hybrid electrical vehicle to operate in a first manner if a current slope detected by the hybrid electrical vehicle is less than or equal to a minimum slope and a current electric quantity of a power battery of the motor power subsystem is less than or equal to a first electric quantity threshold, or if the current slope detected by the hybrid electrical vehicle is less than or equal to the minimum slope and a maximum allowable discharge power of the power battery of the motor power subsystem is less than or equal to a first power threshold.

IPC 8 full level
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Citation (search report)
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• [Y] EP 2168827 A1 20100331 - HONDA MOTOR CO LTD [JP]
• [A] US 2010030416 A1 20100204 - JINNO KUNIHICO [JP]
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• [A] US 2011172865 A1 20110714 - LIANG WEI [US], et al
• [A] EP 2063088 A1 20090527 - TOYOTA MOTOR CO LTD [JP]
• [A] US 2010038159 A1 20100218 - JINNO KUNIHICO [JP], et al
• See references of WO 2015032323A1

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